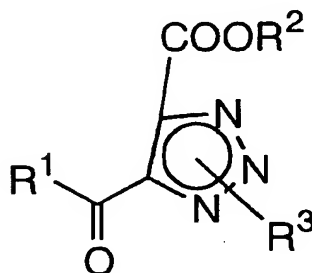


ABSTRACT

Disclosed is a process for efficiently producing a compound represented by formula (I):



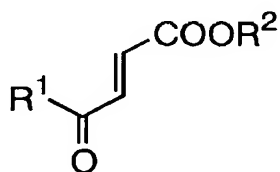
(I)

5

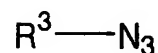
wherein R¹ represents aryl, amino, alkyl, or alkoxy; R² represents a protective group of the carboxylic acid; and R³ represents an alkali metal, a hydrogen atom, alkyl, aryl, alkylsulfonyl, arylsulfonyl, or trialkylsilyl. This process is characterized by reacting a compound of formula (II) with

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a compound of formula (III) in the presence of a transition metal compound.



(II)



(III)